

TABLE R-3

**MONTANA DEPARTMENT OF PUBLIC HEALTH AND HUMAN SERVICES
COMMUNICABLE DISEASE PROGRAM
OTHER DISEASES OF INTEREST: 2004 SUMMARY**

Diseases which are reported infrequently or which are of special interest are detailed in this section as they occur. All counties reporting at least one case are listed.

Reporting County	A M E B I A S I S	A S E P M E N I N G	B A C M E N I N O T R	C O T U L I S M F B	C O L O R A D O T I C K	C R E U T Z F E L D T	J A K O B D I S	C R Y P T O S P O R	C Y C L O S P O R A	D E N G U E F E V E R	H A N T A V I R A L I L	H U S	K A W A S A K I S Y N D	L I S T E R I A	M A L A R I A	A N I M A L R A B B I E S	R E L A P S I N G F V R	T U L A R E M I A	W E S T N I L E	Y E R S I N O S I S
Beaverhead	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Big Horn	-	2	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-
Blaine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-
Carter	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Cascade	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Chouteau	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custer	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
Fallon	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	1	-	-	-	-
Fergus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Flathead	-	3	2	-	-	-	-	-	-	-	1	-	-	-	-	8	-	-	-	1
Gallatin	-	5	-	-	-	-	-	4	-	2	-	-	-	1	-	1	-	-	-	-
Garfield	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Glacier	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Golden Valley	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Hill	-	3	-	-	-	-	-	13	-	-	-	-	-	-	-	-	-	-	-	-
Lake	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Lewis & Clark	-	6	-	-	-	-	-	4	1	-	-	1	2	-	-	-	-	-	-	-
Liberty	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Lincoln	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Madison	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Meagher	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mineral	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Missoula	1	1	1	-	-	-	-	3	-	-	-	-	-	-	-	-	3	-	-	-
Musselshell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Park	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Pondera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Powell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Ravalli	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Richland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Roosevelt	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rosebud	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Silver Bow	-	-	2	-	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	-
Toole	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wibaux	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Yellowstone	-	6	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2004 Total	1	36	13	1	2	3	34	2	2	2	1	2	1	1	26	4	2	6	1	2
2003 Total	0	80	12	0	1	1	18	0	0	5	0	1	2	0	23	0	0	228	0	0
2002 Total	1	62	6	0	5	1	6	0	0	0	0	0	1	0	2	19	0	0	1	2

STATEWIDE REPORTS:

Conditions which are reported to the Centers for Disease Control and Prevention or which are unique are reported below. Such conditions may include seasonal events such as influenza activity, as well as outbreaks or events for which heightened awareness is necessary.

RABIES REPORT:

26 (4.4%) of the 587 specimens submitted during 2004 tested positive for the virus.

Cascade:	1 Bat	Gallatin:	1 Bat	Musselshell:	1 Skunk	Ravalli:	1 Bat/1 Skunk
Fallon:	1 Horse	Garfield:	1 Skunk	Park:	1 Skunk	Richland:	1 Horse/1 Skunk
Fergus:	1 Skunk	Lake:	1 Bat	Pondera:	1 Horse	Rosebud:	2 Bat
Flathead:	8 Bats	Mineral:	1 Bat	Powell:	1 Bat	Wibaux:	1 Cat

FOODBORNE/WATERBORNE OUTBREAKS: The number of outbreaks/incidents and cases attributed to each are noted on page one. A short description of these reports are summarized below. Additional information may be obtained by contacting the county of report. Please report any "incident in which two or more persons experience a similar gastrointestinal or diarrheal illness and epidemiological analysis implicates a common source of exposure". A single case of foodborne intoxication (botulism, scromboid) should be considered an outbreak and reported.

OUTBREAKS/EVENTS OF INTEREST:

Daniels County: An outbreak of diarrheal illness sickening 13 residents and 7 staff over the course of 2 weeks in a nursing home was reported. The outbreak appears to have been the result of sustained person to person transmission as opposed to a single event or food source. No causative agent identified- testing not performed.

Yellowstone Co.: An outbreak of gastroenteritis (assumed to be norovirus) at a swim meet in Idaho sickened 9 of 48 Yellowstone residents attending. An investigation is continuing and at this time it is unclear if the event was associated with the pool or items consumed during the three day event.

A group of Yellowstone Co. swimmers and family members participating in a Idaho swim event became ill with gastroenteritis. Nine local residents were reported to be ill with what appears to be a norovirus. The investigation continues and no specific source has been identified at this time.

June: An outbreak of cyclospora is being investigated. At this time 20 of about 100 interviewed reported a compatible illness. Approximately 5 individuals are confirmed to be positive. The investigation is continuing and at this time a suspect food item has not been identified.

July: An outbreak involving a day care center has resulted in approximately 47 of 80 ill. Campylobacter and/or E. coli O157 have been confirmed in 16 cases. The investigation has implicated contaminated produce as a suspect.

Flathead Co.: An outbreak of salmonella involving a houseparty has resulted in approximately 19 cases of illness. Ill individuals attended a party, food handling and possible ill food handlers were implicated in the outbreak.

December: An outbreak sickened 20 or 28 individuals attending a party with privately prepared food. A norovirus-like illness was suspected.

Cascade Co.: An outbreak associated with a small multi-state convention is being investigated. At this time it appears to be a viral gastroenteritis outbreak sickening approximately 40% of the 125 attending. Tests for norovirus were positive on the three samples submitted.

June: An outbreak of gastroenteritis sickening 24 residents and 10 staff lasting approximately one week was reported in a long-term care facility. Illnesses were reported to consist of diarrhea & vomiting and lasting a few days. Bacterial cultures and a small number of stools tested for Norovirus were negative.

May: An outbreak of gastroenteritis sickening 45-55 residents and staff lasting was reported in an assisted living facility long-term care facility over a 7 to 10 day period. Illnesses were reported to consist of diarrhea & vomiting lasting one to two days. Specimens submitted tested positive for Norovirus.

December: A suspected norovirus illness sickened approximately 20 residents of a retirement home. Samples pending for norovirus testing, no definitive source of exposure identified.

Lake Co.: August/September: A Salmonella B outbreak associated with Lake Co has been ongoing. Approximately 80 cases (culture positive and/or epi linked) have been identified at this time. At this time, additional cases are under investigation as improvements are being made to a water system of a local establishment.

Liberty Co.: A number of diarrhea cases among community members recently confirmed to be Norovirus related. 8-10 cases were reported, no significant clusters noted among the individuals other than residence in the area.

Dawson Co.: An outbreak of gastroenteritis among people attending a camp sickened app. 20 of a group. No cause identified and investigation continues. At this time it is unclear whether it is foodborne, waterborne or person to person spread.

Gallatin Co.: September- An outbreak of gastroenteritis in a long-term care facility was investigated and approximately 17 were ill. No causative agent was identified.

Silver Bow Co.: October- A gastroenteritis outbreak sickened 40 of 48 individuals attending a local conference. Investigation found no concerns at the establishment and a few individuals were ill prior to the event

Sweet Grass: September- An outbreak of gastroenteritis sickened app. 21 individuals attending a sports related potluck. No causative agent was identified

Ravalli Co.: December- A suspected Norovirus outbreak sickened 35 of 70 attending a local banquet. An investigation implicated fresh fruit prepared by the caterer as a potential vector. No clinical samples were taken in what appeared to be a self limiting illness.

Beaverhead Co.: December- Four members of a group of visitors developed gastroenteritis after visiting the area for two days. Local investigation identified several cases of mild gastroenteritis in the area and no specific exposure was implicated.

Daniels Co.: An outbreak in a long term care facility sickened 25 of 30 residents and 20 staff members. Suspected norovirus with specimens pending. No definitive source, possible point source and subsequent person to person spread suspected.

For more information on disease reporting, including how and what to report, contact your local health dept or Jim Murphy at (406) 444-0274 or by E-mail at jmurphy@state.mt.us. This information is also available at www.dphs.state.mt.us/hpsd/.